



cc/c

PATENT

DOCKET NO.: 12577/19

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT : Tetsuyo NAGATA, et al.  
SERIAL NO. : 10/643,958 Patent No. 6,859,332 B2  
FILED : 20 August 2003  
FOR : ZOOM OPTICAL SYTEM AND IMAGING APPARATUS USING  
THE SAME  
ART UNIT : 2873 Conf. No. 4981  
EXAMINER : David N. Spector

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Certificate  
AUG 24 2005  
of Correction

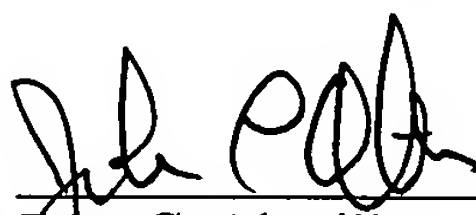
**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 37 C.F.R. § 1.322**

SIR:

Applicants hereby request that the enclosed Certificate of Correction be issued for the above Patent under authority of 35 USC § 254.

The changes represent correction of errors which occurred during printing of the patent and were not the fault of the applicant. Therefore, no fee is required.

Respectfully submitted,

  
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Dated: 22 August 2005

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AUG 25 2005

# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

**PATENT NO.** : US 6,859,332 B2  
**DATED** : 22 February 2005  
**INVENTOR(S)** : Tetsuo NAGATA, et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column</u>	<u>Line</u>	
59	62	Change " $0.1 \leq md/\sqrt{(f_w \times f_t)} < 5.0$ " to -- $0.1 \leq  md/\sqrt{(f_w \times f_t)} < 5.0$ --.
60	51	After "wherein" change " $\delta_{2w}$ " to $-\beta_{2w}$ --.

**MAILING ADDRESS OF SENDER:**

**Patent No.: 6,859,332 B2**

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